

# **PUBLIC SAFETY DEPARTMENT[661]**

## **Adopted and Filed**

Pursuant to the authority of Iowa Code section 100.1, the State Fire Marshal hereby amends Chapter 201, "General Fire Safety Requirements," Iowa Administrative Code.

The State Fire Marshal is authorized by Iowa Code section 100.1 to establish general requirements for fire safety and specific requirements for electrical installations. Other provisions of Iowa law authorize the Building Code Commissioner and the Electrical Examining Board to establish requirements for electrical installations. The Fire Marshal, the Building Code Commissioner, and the Electrical Examining Board have agreed to attempt to coordinate their rule making in this area and, as a general policy, to adopt succeeding editions of the National Electrical Code in a timely fashion. The amendment adopted herein updates the rules of the Fire Marshal to adopt by reference the National Electrical Code, 2008 edition. Similar rule makings have been undertaken by the Electrical Examining Board and the Building Code Commissioner and are published herein as **ARC 7341B** and **ARC 7343B**, respectively.

This amendment was proposed in a Notice of Intended Action published in the Iowa Administrative Bulletin on September 24, 2008, as **ARC 7178B**.

A public hearing on the proposed amendment was held on October 14, 2008, and extensive comments were received at the hearing and otherwise. The commenters fell into two categories: those who advocated that the new edition of the National Electrical Code be adopted without amendments and those who advocated that it be adopted with three specific amendments. The requested amendments were to retain provisions of the 2005 edition of the National Electrical Code regarding ground-fault circuit interrupters, arc-fault circuit interrupters, and tamper-resistant receptacles. After considering the public comments and the arguments presented, the State Fire Marshal has elected to adopt one of the three suggested amendments, the amendment that would retain the language of the 2005 edition of the National Electrical Code for ground-fault circuit interrupters. Consequently, the amendment adopted herein contains an amendment to section 210.8 of the 2008 edition of the National Electrical Code regarding requirements for ground-fault circuit interrupters that is identical to the amendment adopted by the Electrical Examining Board.

This amendment will become effective January 1, 2009.

This amendment is intended to implement Iowa Code section 100.1.

The following amendment is adopted.

Amend rule 661—201.3(100) as follows:

**661—201.3(100) Electrical installations.** Electrical installations shall comply with the provisions of NFPA 70, National Electrical Code, ~~2005~~ 2008 edition; with the following amendment:

Delete section 210.8, paragraph (A) and insert in lieu thereof the following new paragraph:

(A) Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in (1) through (8) shall have ground-fault circuit-interrupter protection for personnel.

(1) Bathrooms.

(2) Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use.

Exception No. 1 to (2): Receptacles that are not readily accessible.

Exception No. 2 to (2): A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).

(3) Outdoors.

Exception to (3): Receptacles that are not readily accessible and are supplied by a dedicated branch circuit for electric snow-melting or deicing equipment shall be permitted to be installed in accordance with 426.28.

(4) Crawl spaces—at or below grade level.

(5) Unfinished basements—for purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms and limited to storage areas, work areas, and the like.

Exception No. 1 to (5): Receptacles that are not readily accessible.

Exception No. 2 to (5): A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

Exception No. 3 to (5): A receptacle supplying only a permanently installed fire alarm or burglar alarm system shall not be required to have ground-fault circuit-interrupter protection.

Receptacles installed under the exceptions to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G).

(6) Kitchens—where the receptacles are installed to serve the countertop surfaces.

(7) Laundry, utility, and wet bar sinks—where the receptacles are installed within 1.8 m (6 ft) of the outside edge of the sink.

(8) Boathouses.

[Filed 10/29/08, effective 1/1/09]

[Published 11/19/08]

EDITOR'S NOTE: For replacement pages for IAC, see IAC Supplement 11/19/08.